GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:302
ANSWERED ON:25.02.2016
Power Generation from Straw of Paddy
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the details of schemes being implemented by the Government for power generation from waste including from straw of paddy in the country,
(b) whether the Government proposes to encourage the States to start projects for power generation from waste and paddy,
(c) if so, the number of such plants set up so far in the country and the quantum of power generated from waste material along with the percentage of such power out of total power generated in the country during the last three years, State/UT-wise; and
(d) the details of incentives given at present proposed to be given for promoting power generation from waste?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): Ministry of New and Renewable Energy (MNRE) is implementing schemes to support promotion of Biomass Power generation using bio-waste from agricultural, industrial/ agro-industrial sector, bagasse, crop/agro residues, including straw of paddy. States are encouraged to evolve power projects with incentives as per details given at Annexure − I.
(c): 418 plants aggregating 4418 MW of Biomass power (grid connected), 193 plants aggregating 600 MW (captive power) and 100 plants aggregating 106 MW (waste to power) has been set up till 31.03.2015. Only one plant of 12 MW capacity based on agro waste/residue (straw of paddy) was set up in Punjab in 2010 with 34.1, 27.1, 42.9 Million KWH generated during 2012-13, 2013-14 and 2014-15 respectively. Percentage of power generation from such plants is 1.90 % of total power generated (2,71,772 MW as on 31.03.2015). State-wise cumulative power generation (MW) for the last three years is given at Annexure −II.
(d): Brief about incentives being given under the scheme is placed at Annexure − I.